Appl. No.

: 10/735,481

Filed

December 12, 2003

AMENDMENTS TO THE CLAIMS

- 1. Cancelled
- 2. (Currently amended) An isolated antimicrobially active peptide comprising amino acid residues 63-110 (SEQ ID NO: 2) of a dermicidin (DCD) protein substantially in isolation from sequences naturally occurring adjacent thereto in the dermicidin protein fragment, wherein the fragment comprises a maximum of 50 amino acid residues from the C terminal region of DCD.
 - 3. Cancelled
 - 4. Cancelled
 - 5. Cancelled
- 6. (Withdrawn) The peptide as claimed in claim 2, wherein it comprises the amino acid residues 63-109 of DCD (SEQ ID No: 3).
 - 7.-30. Cancelled
- 31. (Withdrawn) A method for protecting and/or treating human skin against microorganisms, comprising the step of administering the peptide as claimed in claim 2.
 - 32. Cancelled
- 33. (Withdrawn) A method for protecting and/or treating human skin against microorganisms, comprising the step of administering the peptide as claimed in claim 4.
 - 34. Cancelled
- 35. (Withdrawn) A method for protecting and/or treating human skin against microorganisms, comprising the step of administering the peptide as claimed in claim 6.
 - 36. Cancelled
- 37. (Previously presented) A pharmaceutical composition which comprises as active ingredient a peptide as claimed in claim 2 in an antimicrobially effective amount of 1 to 50 μ g.
 - 38. Cancelled
 - 39. Cancelled
 - 40. Cancelled
- 41. (Withdrawn) A pharmaceutical composition which comprises as active ingredient a peptide as claimed in claim 6 in an antimicrobially effective amount of 1 to 50 μg.
 - 42. Cancelled

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43. (Previously presented) A cosmetic composition which comprises as active ingredient a peptide as claimed in claim 2 in an antimicrobially effective amount of 1 to 50 μg.

- 44. Cancelled
- 45. Cancelled
- 46. Cancelled
- 47. (Withdrawn) A cosmetic composition which comprises as active ingredient a peptide as claimed in claim 6 in an antimicrobially effective amount of 1 to 50 μg.
- 48. (New) An antimicrobially active peptide consisting essentially of a fragment of the C-terminal of dermicidin protein, said fragment comprising a maximum of 50 amino acids of said C-terminal.